Title (en)

STENT

Title (de)

STENT

Title (fr)

STENT

Publication

EP 3603584 A4 20201230 (EN)

Application

EP 18770981 A 20180322

Priority

- JP 2017058032 A 20170323
- JP 2018011289 W 20180322

Abstract (en)

[origin: EP3603584A1] Provided is a stent having a novel structure with which it is possible to suppress distorted deformation at the time of expansion and obtain sufficient strength in the skeleton structure. A stent 10 having a line-shaped body 14 that extends helically in a circumferential direction while reciprocating in an axial direction by continuously alternating straight parts 16 and curved parts 18, wherein the plurality of straight parts 16 in the line-shaped body 14 have a substantially constant thickness throughout the entire stent, and a certain number of the plurality of curved parts 18 in the line-shaped body 14 have different thicknesses.

IPC 8 full level

A61F 2/915 (2013.01)

CPC (source: EP US)

A61F 2/88 (2013.01 - US); **A61F 2/915** (2013.01 - EP US); A61F 2/88 (2013.01 - EP); A61F 2002/91533 (2013.01 - EP); A61F 2002/9155 (2013.01 - US); A61F 2002/91575 (2013.01 - EP US); A61F 2230/0091 (2013.01 - EP); A61F 2250/0036 (2013.01 - EP US); A61F 2250/0037 (2013.01 - EP US)

Citation (search report)

- [X] WO 2007005800 A1 20070111 - ABBOTT LAB [US], et al
- [X] WO 2012096716 A2 20120719 - GORE ENTERPRISE HOLDINGS INC [US], et al
- [X] US 2015039078 A1 20150205 - BALES JR THOMAS O [US], et al
- See references of WO 2018174127A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3603584 A1 20200205; **EP 3603584 A4 20201230**; CN 110446476 A 20191112; CN 110446476 B 20220222; JP 7037128 B2 20220316; JP WO2018174127 A1 20200123; SG 11201908674R A 20191030; US 11432950 B2 20220906; US 2020375767 A1 20201203; WO 2018174127 A1 20180927

DOCDB simple family (application)

EP 18770981 A 20180322; CN 201880019296 A 20180322; JP 2018011289 W 20180322; JP 2019506953 A 20180322; SG 11201908674R A 20180322; US 201816495021 A 20180322